


When Leeuwenhoek peered through the first microscope, he discovered a new world that revolutionized medicine. An equivalent moment in history is upon us.

IDIES is crafting a radically new lens through which to peer, not just at microbes, but at Nature's many laws as embedded in "Big Data." This "datascope" will bring today's massive datasets into focus, revealing a whole new world.

By aggressively exploiting our lead in the 'Science of Big Data,' an emerging field cutting across sciences, mathematics, statistics, and computer science, IDIES will expand the range of scales at which we explore and understand data.



The Institute for Data Intensive Engineering
and Science

The Johns Hopkins University
3400 N. Charles Street
Baltimore, MD 21218



<http://idies.jhu.edu/future/>



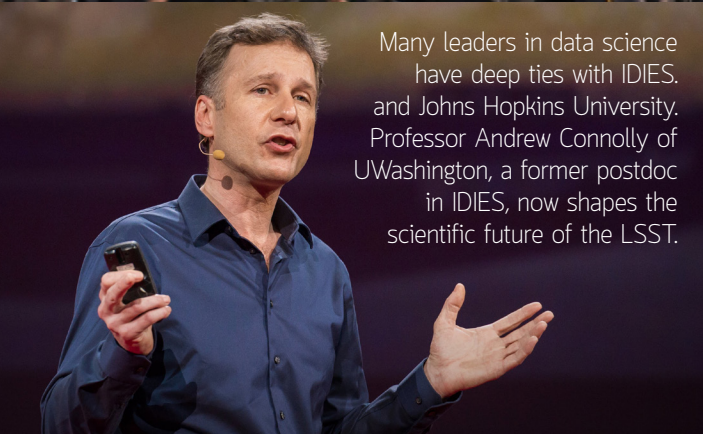
idies
The Institute for Data Intensive Engineering and Science

**Building the
Microscope & Telescope
for Big Data**

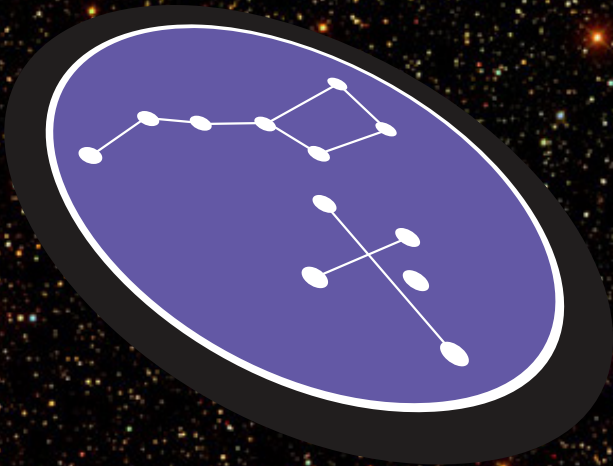
IDIES hopes to bring on-board and train more data-intensive science experts. A gift of \$35,000 will support a PhD graduate student for one year. A gift of \$40,000 will cover a post-doctoral fellow's yearly stipend.



Alex Szalay, founder of IDIES, began in the mid 1990's with a small grant of \$200,000 from the Seever Foundation. Alex leveraged the seed money, which was not tied to government grants, to hire postdocs and realize his vision for a revolution in scientific big data.

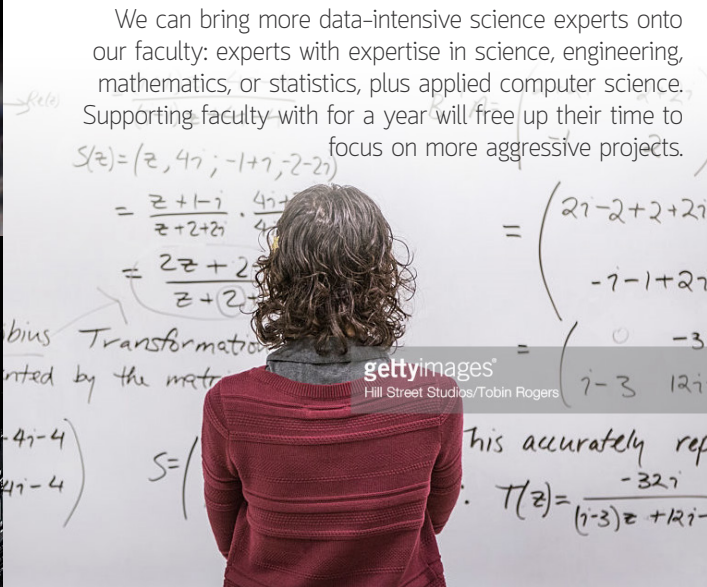


Many leaders in data science have deep ties with IDIES. and Johns Hopkins University. Professor Andrew Connolly of UWashington, a former postdoc in IDIES, now shapes the scientific future of the LSST.




SDSS

The Sloan Digital Sky Survey ipis que qui tem. Et quam as volenim agnates sequuntem. Nequi dero venimet quibus si ipic te sequi re rendiahdæ pre nus maio ipidebissin consequæ as sam am et eos alictoreset et, sapis aut duciur, sedis int ut qui aut et pos volorem erum quam quis sam re atibus aliqæ velenient, eum faccabo rerumqu isiminvel eum.



IDIES thinktank innovation breakthroughs. Endowment, ambitious freedom, not tied to government grants. Simus corum esequis dolore vid quist liciis et quo officærum, quam eosandendion plaut pre apis repudi dollenihicæ restorestrum.

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